

ILLINOIS WEATHER & CROPS



**ILLINOIS
COOPERATIVE CROP
REPORTING SERVICE**

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CROPS

WINTER WHEAT on Friday, April 9, was reported as 65% good, 32% fair and 3% poor. There is some concern about how much damage was done because of the winter's cold weather and ice cover and also standing water from the snow melt-off in March.

OATS seeding as of Sunday, April 11 was 12% complete compared with 93% last year and the 5-year average (1977-81) of 38%. Cool, wet weather has slowed all fieldwork.

ALFALFA as of April 9 was reported as 73% good, 26% fair and 1% poor.

PLOWING for 1982 CORN and SOYBEAN acreage is about 70% complete, compared with 94% last year and the 5-year average of 82%. Very little additional fieldwork has been done since last fall.

PASTURES were reported as 39% good, 49% fair, 10% poor and 2% failure. Pastures are supplying about 15% of the livestock roughage requirements, compared with 36% last year and a 5-year average of 25%.

SOIL MOISTURE was reported as 46% adequate and 54% surplus as of April 9.

There were 0.25 DAYS-SUITABLE for FIELDWORK for the week ending April 9. Snow and rain during the early part of the week caused fieldwork to stop in all areas of the State.

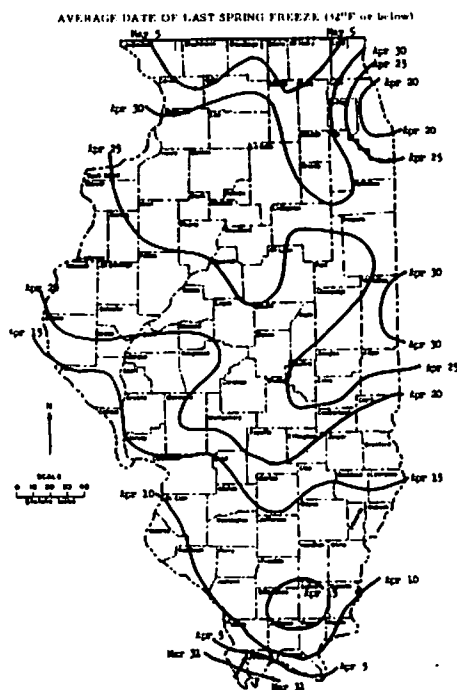
MAIN ACTIVITIES were preparing machinery for spring fieldwork, caring for livestock and ordering seed. In some parts of the State, the main activity was clearing snow from the driveways.

WEATHER

TEMPERATURES for the period of April 5 thru April 11 averaged from 17 to 21 degrees below normal throughout the State. Minimum readings fell to as low as 7 degrees above zero in the North during the first few days of the week. Many new record low temperature records were set in most sections of the State. A warming trend at the end of the period sent maximum temperatures into the 70's in the South.

PRECIPITATION was moderate in most districts with amounts ranging from .45 to .75 of an inch. A heavy snowstorm fell in the northern sections of the State on the 5th dumping from 3 to 9 inches. A second snowstorm on the 8th laid from 1 to 3 inches again on the northern half of Illinois.

The Outlook for the period of April 13 thru 20 is for temperatures to be above normal and precipitation to be below normal.



ILLINOIS CROP REPORTING DISTRICT SUMMARY

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
Days suitable for fieldwork: (week ending April 9)	0.0	0.0	0.5	0.5	0.0	0.5	0.5	0.0	0.0	0.25
Soil Moisture %:										
(as of April 9) Short	--	--	--	--	--	--	--	--	--	--
Adequate	50	65	45	60	40	50	70	50	35	46
Surplus	50	35	55	40	60	50	80	50	65	54

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ILLINOIS WEATHER
MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	Dec.	Jan.	Feb.	March 30-April 5	April 6-12
Chicago	-2	-11	-5	+5	-15
Peoria	0	-8	-3	+6	-19
Springfield	-2	-10	-6	+4	-17
St. Louis	-3	-8	-6	+4	-14

Station	Week ending Monday, 6 A.M., April 12					
	Temperatures			Growing degree days 1/		
	Maxi- mum	Mini- mum	Aver- age	Current: week	3-yr. av. 2/	Totals: 1981 Totals: 1982
Moline	47	7	28	0	64	128 23
Rockford	47	7	28	0	50	102 17
Chi. O'Hare	48	8	31	0	57	121 22
Quincy	55	17	33	2	79	145 27
Decatur	51	18	31	0	71	136 26
Peoria	48	14	29	0	68	135 29
Watseka	43	3	26	0	3/	13
Springfield	55	19	33	2	87	167 32
Brownstown	58	22	35	6	3/	32
St. Louis	66	23	38	12	108	189 44
Dixon Springs	69	26	43	19	3/	58

1/ Totals are accumulated from April 1. 2/ Average of accumulated totals for 1979, 1980, and 1981. 3/ Previous year's data is not available.

Growing degree days(GDD's) are calculated by subtracting a 50-degree (F) base temperature from the average of the maximum and minimum temperatures for the day. The daily maximum temperature is limited to 86 degrees (F) and daily minimum to 0 degrees (F). Thus, if the mean temperature for the day is 75 degrees, then 25 GDD's will have been accumulated.

Station	Week ending Mon., 6 A.M. 4/12	
	Average daily soil temperature 4" bare soil	
	Maximum	Minimum
Elizabeth	35	32
Elwood	37	34
Monmouth	33	31
Urbana	40	36
Perry	39	33
Brownstown	44	37
Belleville	44	38
Dixon Springs	48	38

PRECIPITATION:
First figure--Current week, April 6-12
Parentheses--Previous week
M--Missing. T--Trace.

